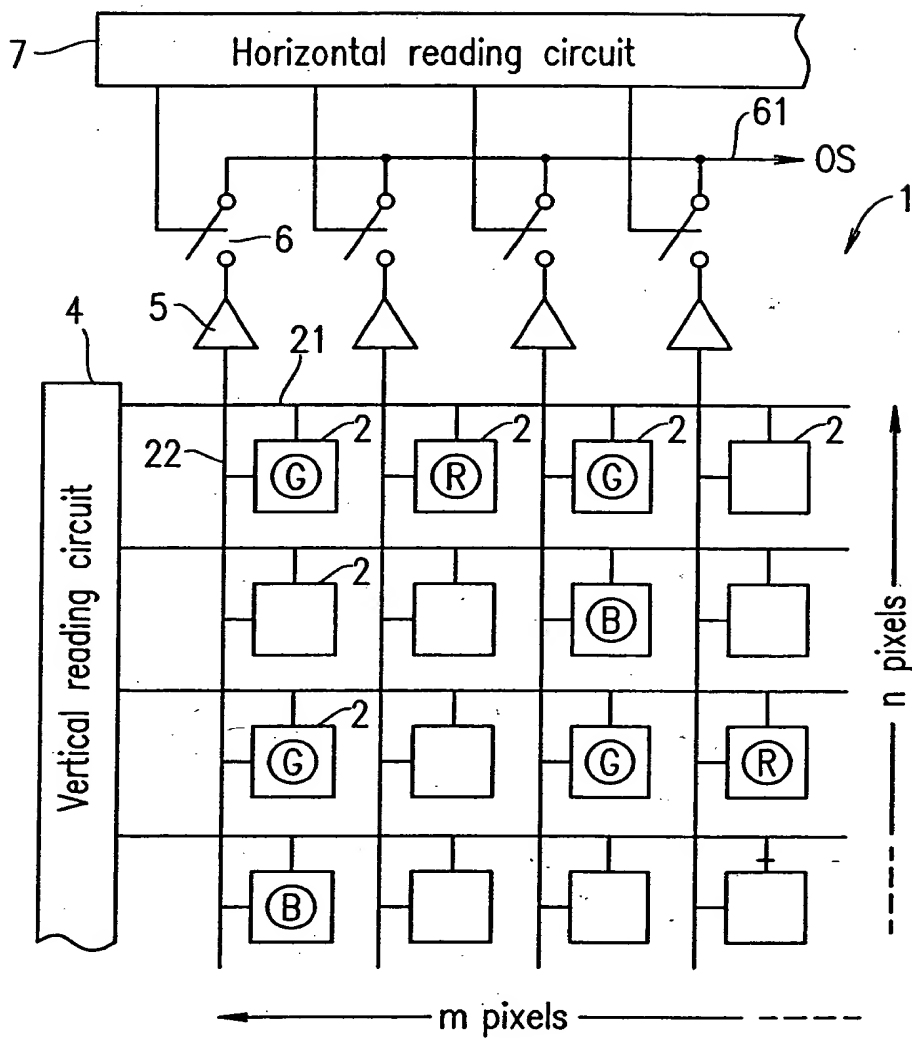


FIG. 1



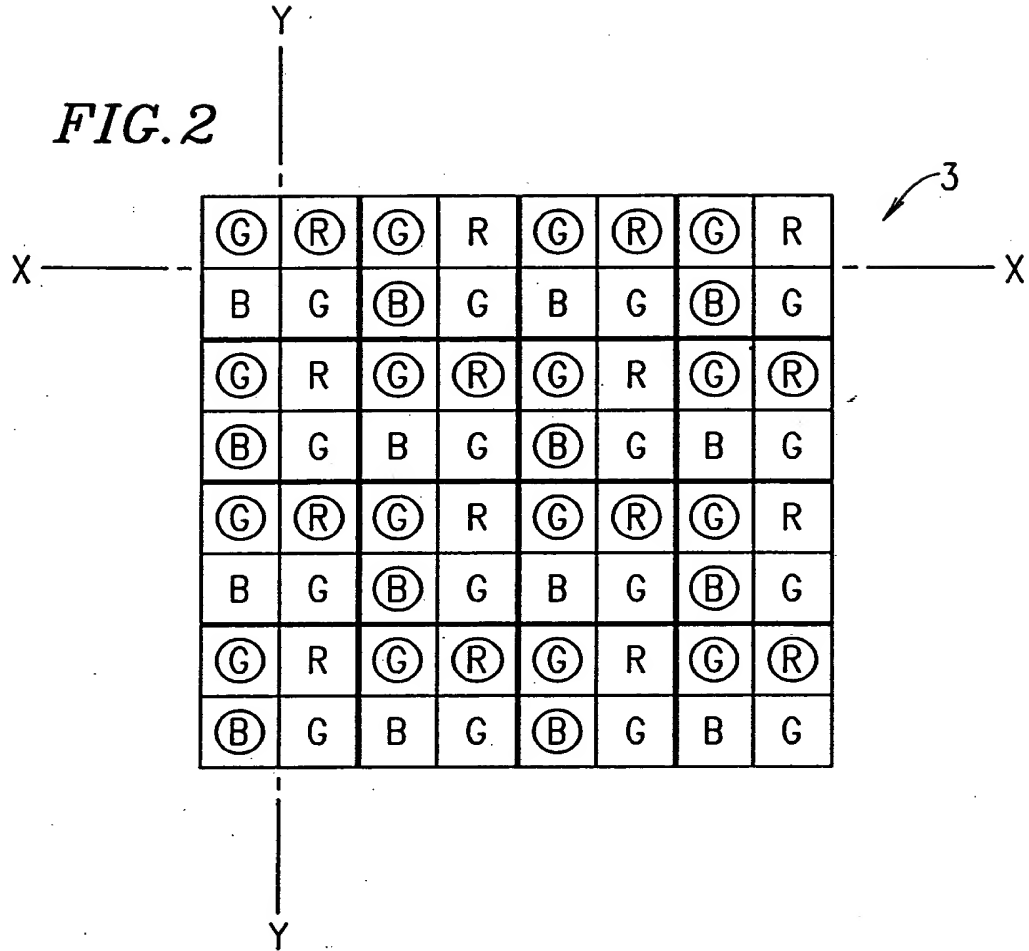


FIG. 3A

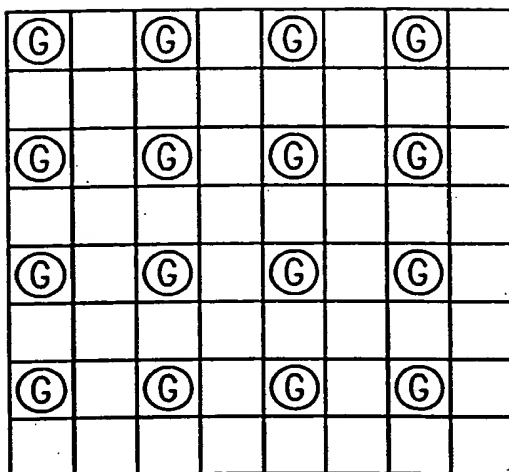


FIG. 3B

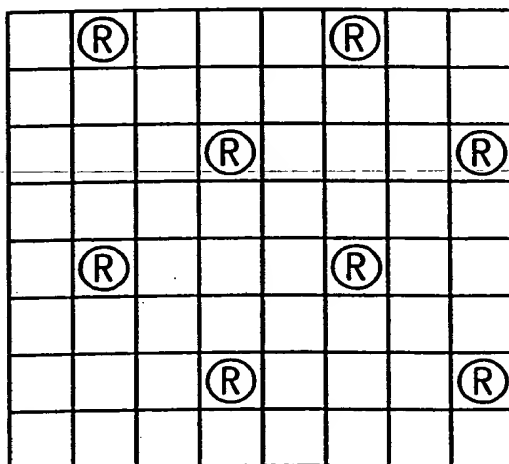
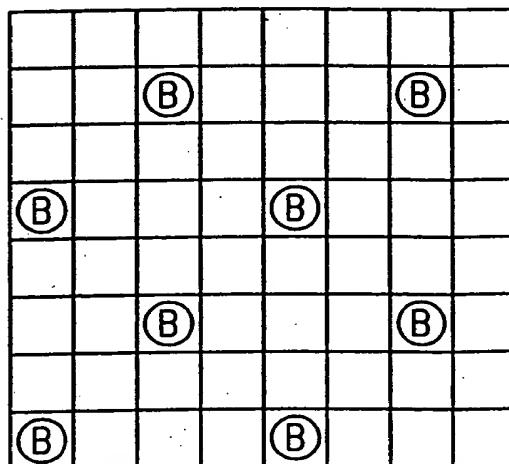


FIG. 3C



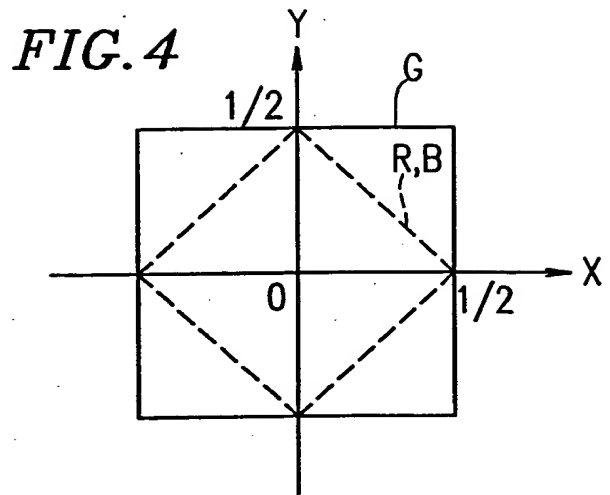


FIG. 5

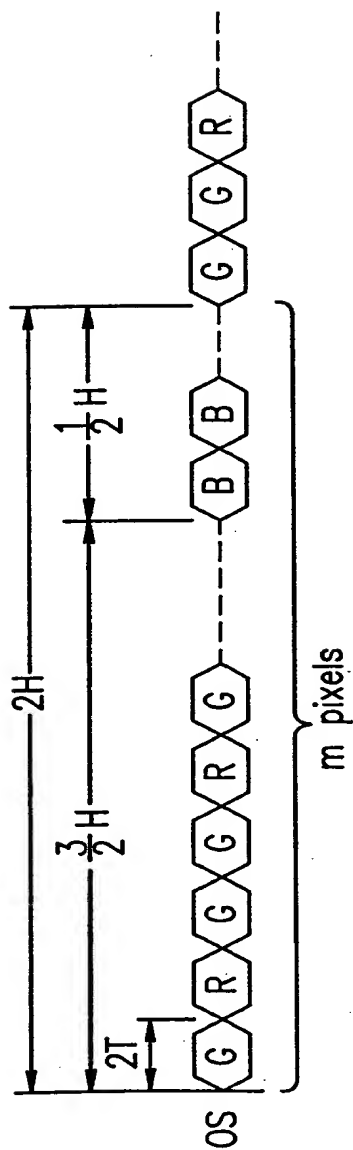


FIG. 6

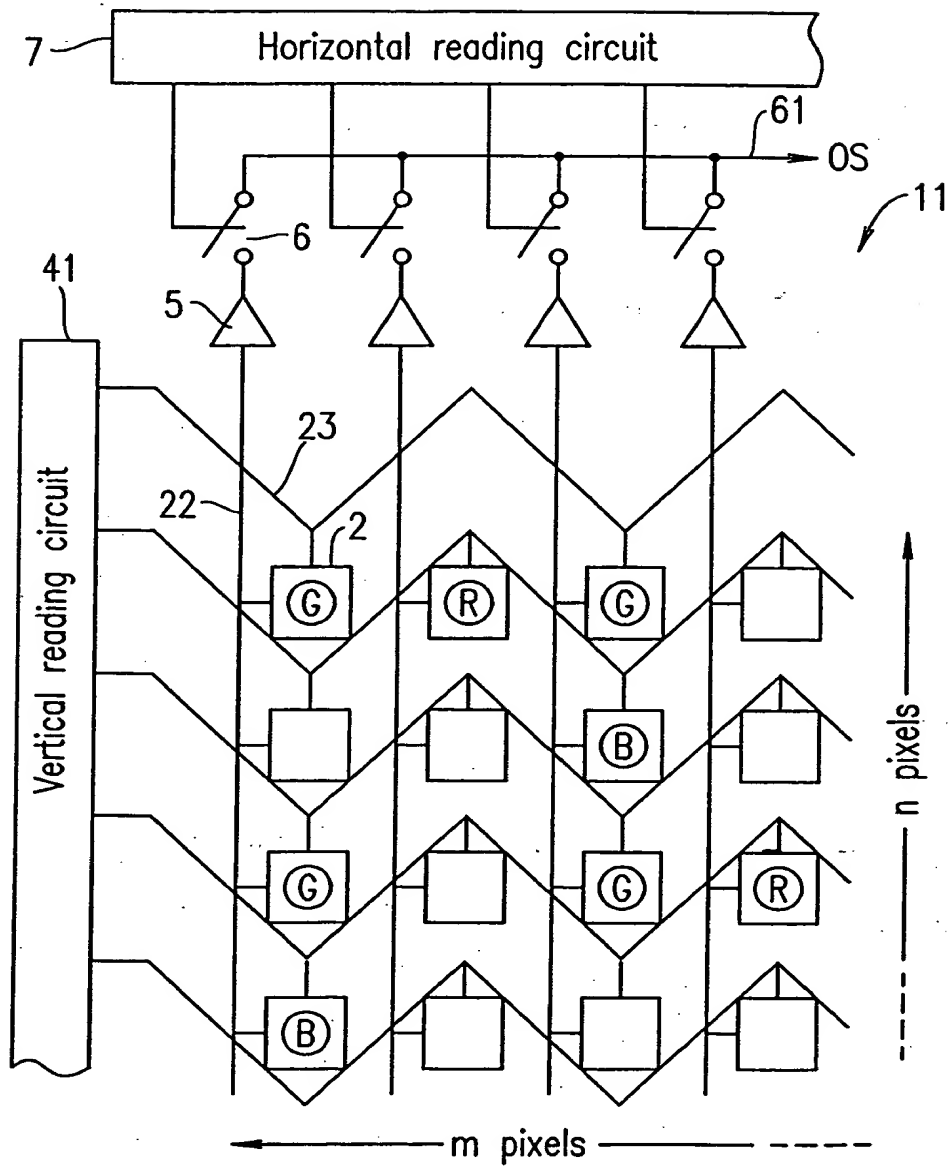


FIG. 7

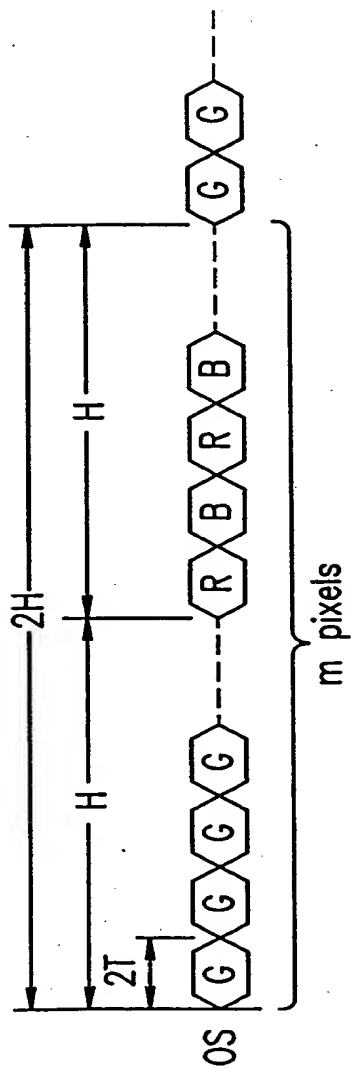




FIG. 8

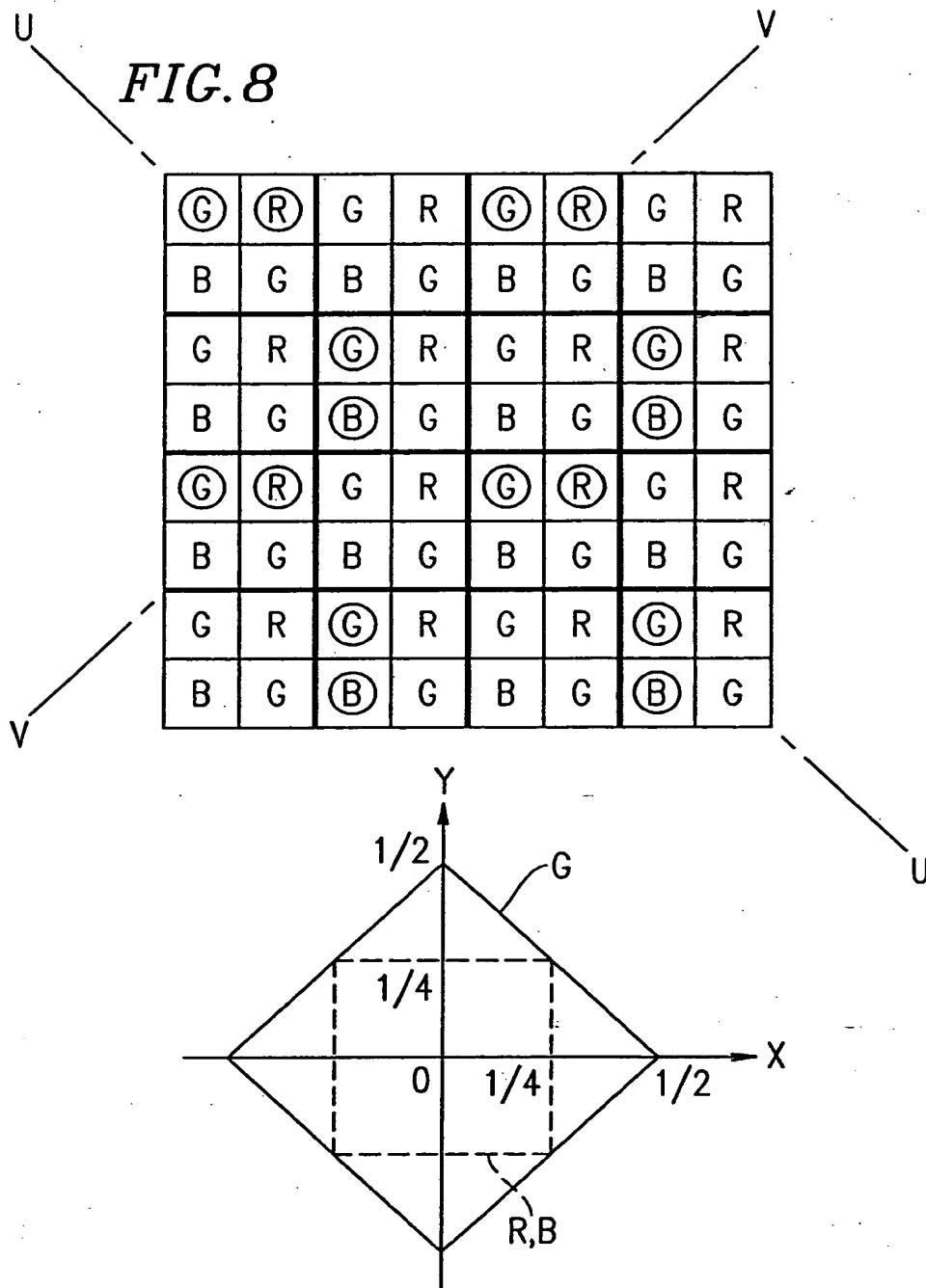




FIG. 9

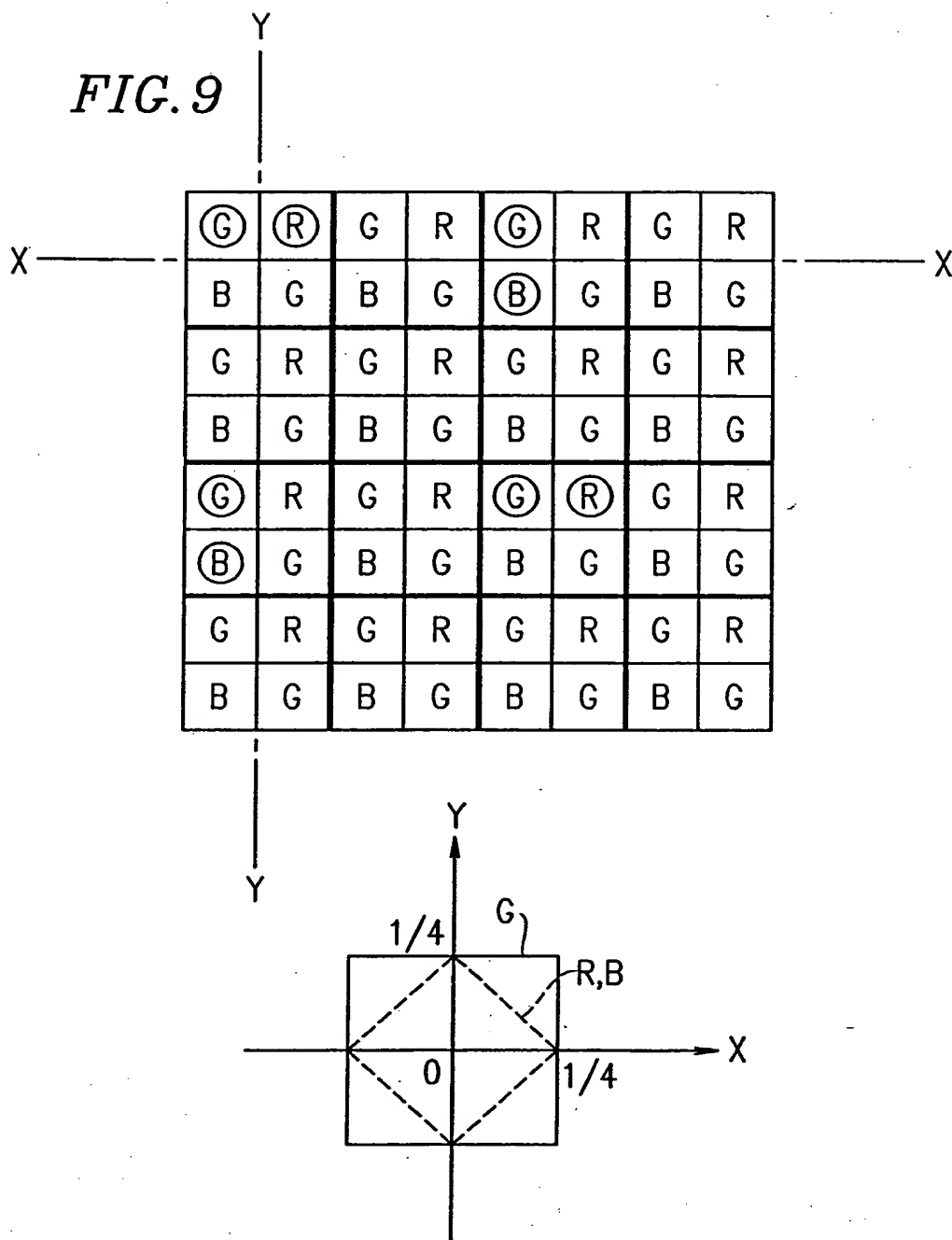


FIG. 10

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| Ⓞ | Ⓜ | G | R | G | R | G | R | Ⓞ | Ⓜ |
| B | G | B | G | B | G | B | G |   |   |
| G | R | G | R | G | R | G | R |   |   |
| B | G | B | G | B | G | B | G |   |   |
| G | R | G | R | Ⓞ | R | G | R |   |   |
| B | G | B | G | Ⓜ | G | B | G |   |   |
| G | R | G | R | G | R | G | R |   |   |
| B | G | B | G | B | G | B | G |   |   |

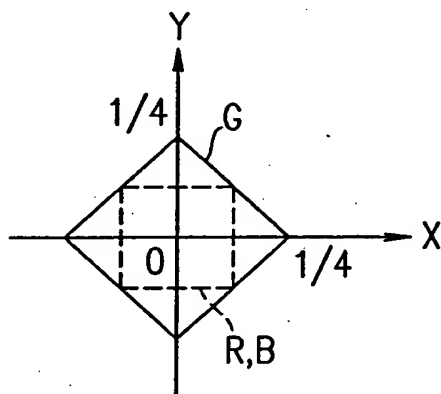
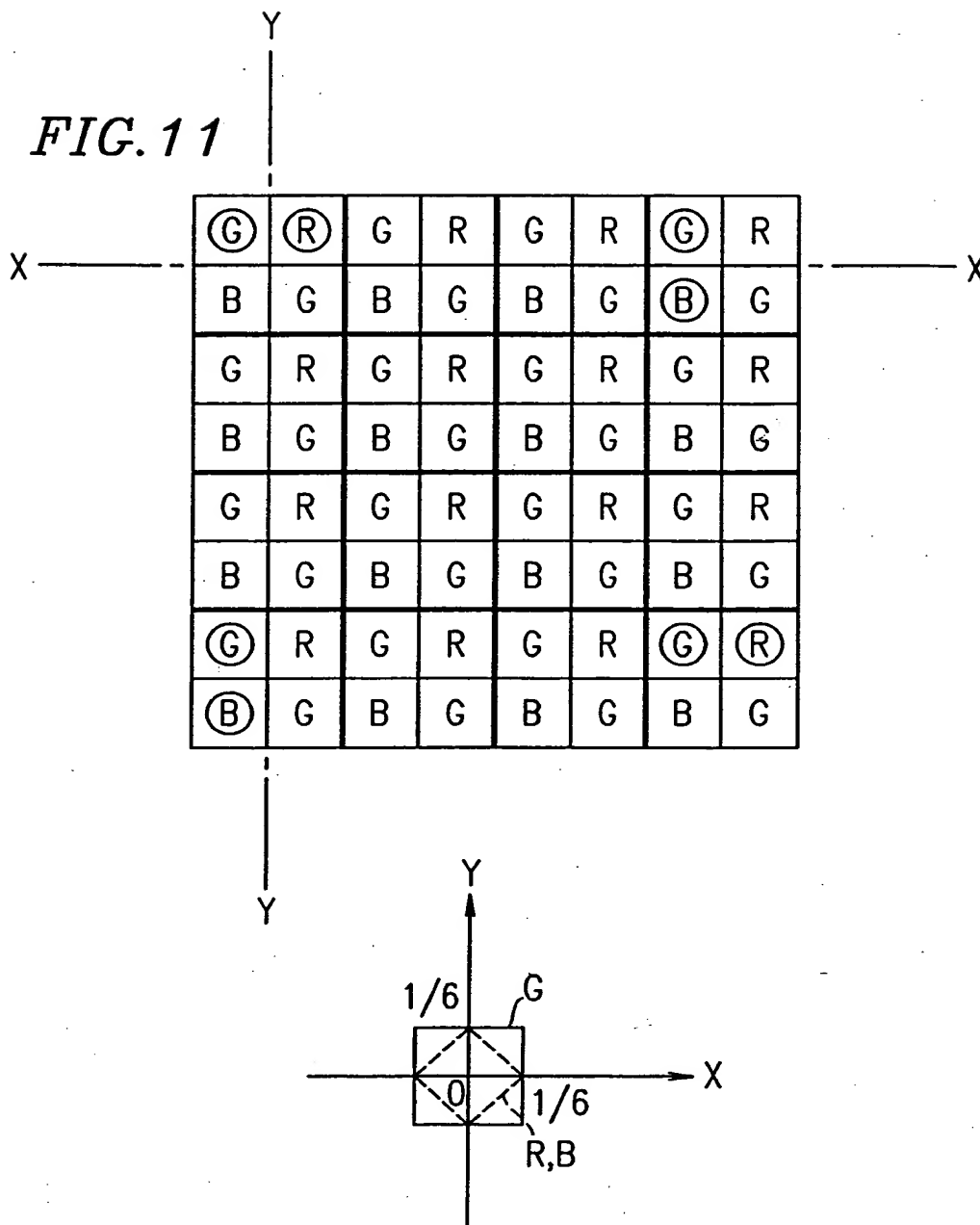


FIG. 11



**FIG. 12** PRIOR ART

$m$  pixels

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| G | R | G | R | G | R | G | R |
| B | G | B | G | B | G | B | G |
| G | R | G | R | G | R | G | R |
| B | G | B | G | B | G | B | G |
| G | R | G | R | G | R | G | R |
| B | G | B | G | B | G | B | G |
| G | R | G | R | G | R | G | R |
| B | G | B | G | B | G | B | G |

$n$  pixels

**FIG. 13** PRIOR ART

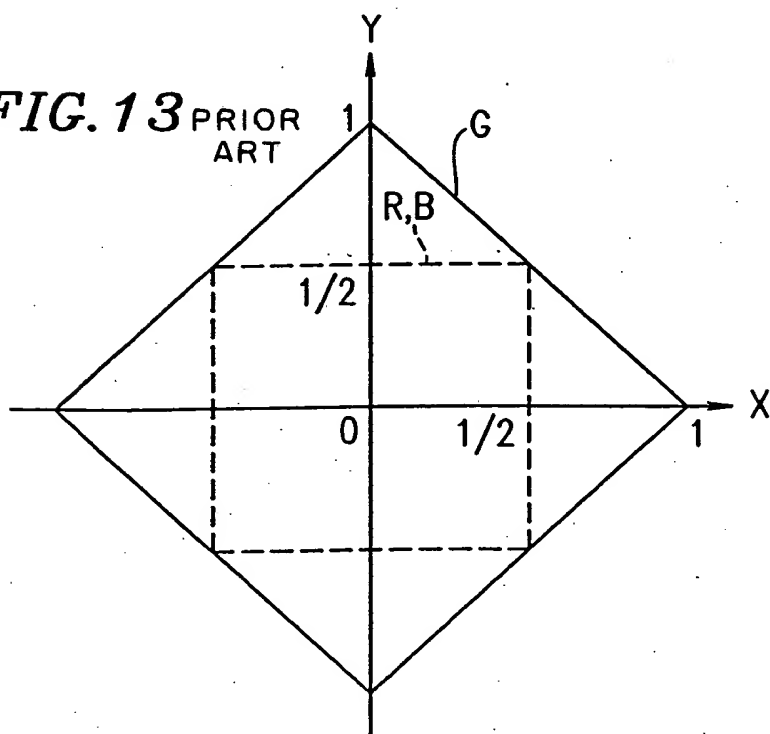
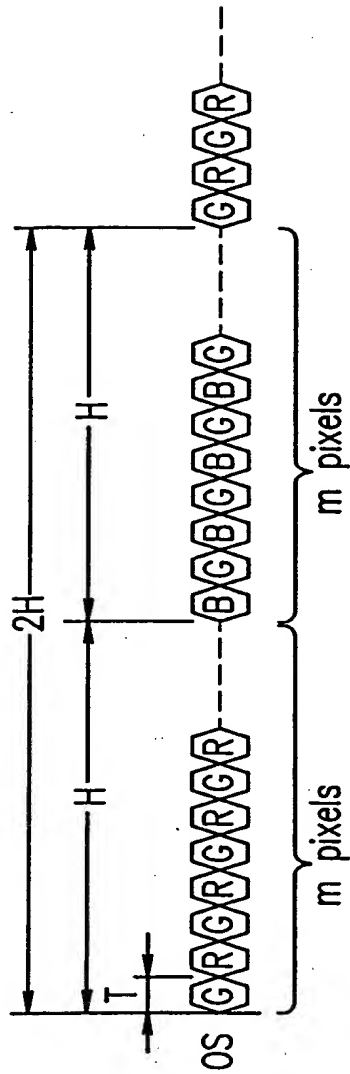




FIG. 14 PRIOR ART





**FIG. 15**  
PRIOR ART

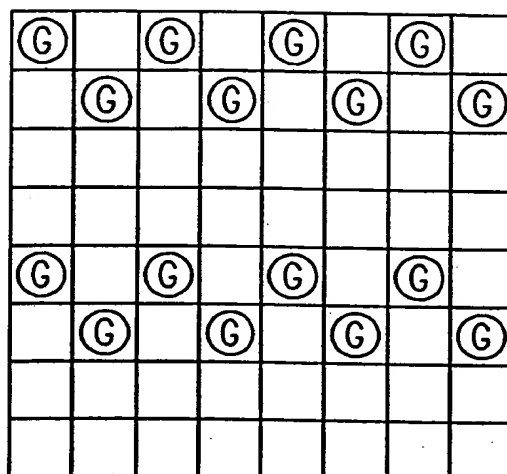
○ denotes a pixel to be read

|      |   |   |   |   |   |   |   |   |
|------|---|---|---|---|---|---|---|---|
| Read | Ⓞ | Ⓡ | Ⓞ | Ⓡ | Ⓞ | Ⓡ | Ⓞ | Ⓡ |
|      | Ⓟ | Ⓞ | Ⓟ | Ⓞ | Ⓟ | Ⓞ | Ⓟ | Ⓞ |
| Skip | G | R | G | R | G | R | G | R |
|      | B | G | B | G | B | G | B | G |
| Read | Ⓞ | Ⓡ | Ⓞ | Ⓡ | Ⓞ | Ⓡ | Ⓞ | Ⓡ |
|      | Ⓟ | Ⓞ | Ⓟ | Ⓞ | Ⓟ | Ⓞ | Ⓟ | Ⓞ |
| Skip | G | R | G | R | G | R | G | R |
|      | B | G | B | G | B | G | B | G |



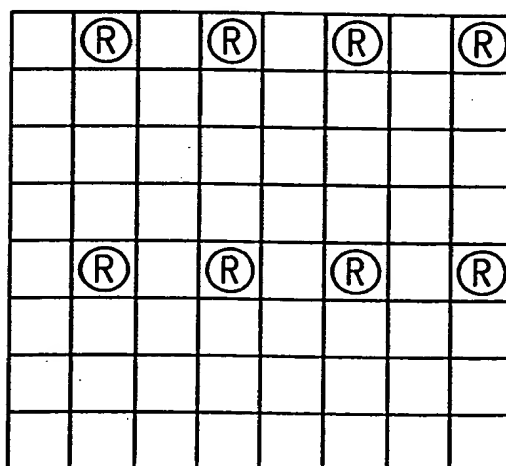
**FIG. 16A**

PRIOR ART



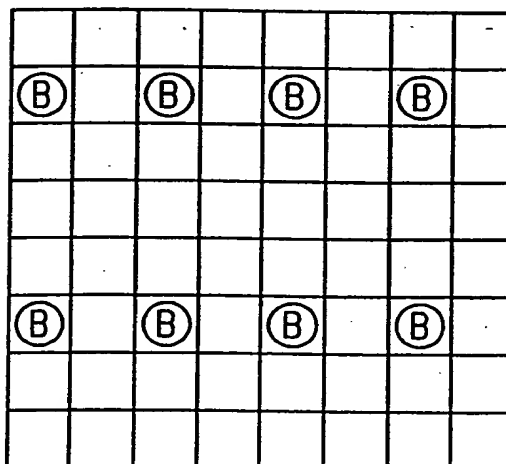
**FIG. 16B**

PRIOR ART

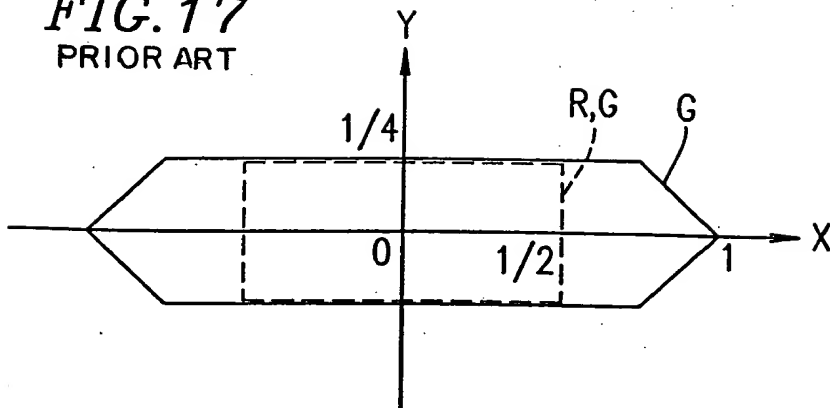


**FIG. 16C**

PRIOR ART



**FIG. 17**  
 PRIOR ART

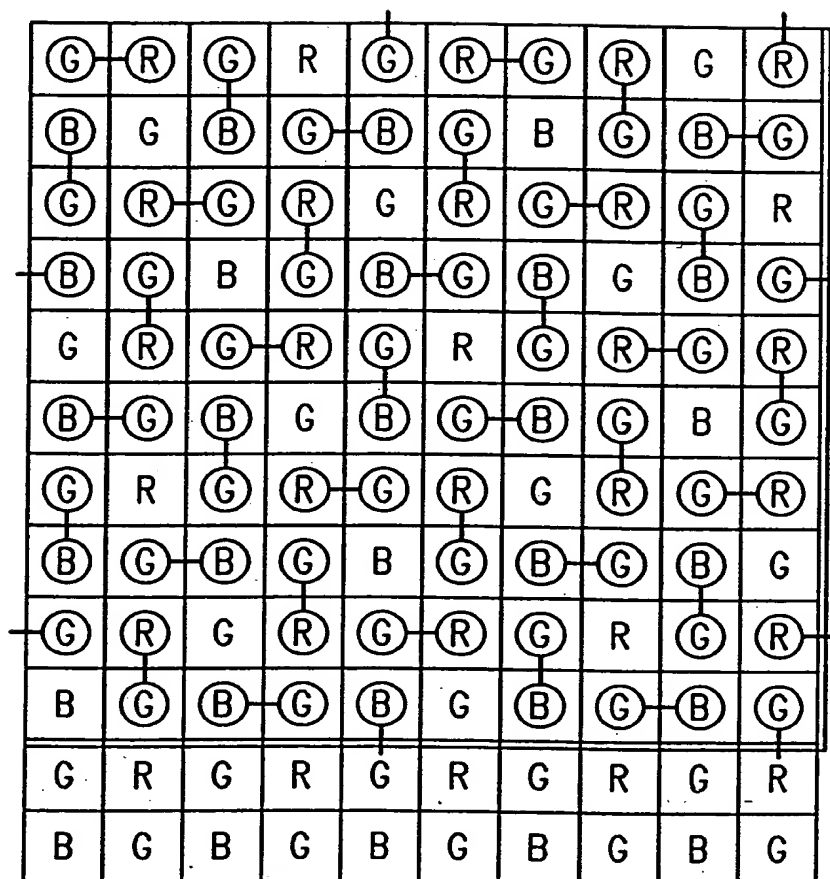


**FIG. 18**

|     |     |     |     |     |     |   |   |   |   |
|-----|-----|-----|-----|-----|-----|---|---|---|---|
| (G) | (R) | (G) | (R) | G   | R   | G | R | G | R |
| (B) | G   | B   | (G) | (B) | (G) | B | G | B | G |
| G   | (R) | (G) | (R) | (G) | R   | G | R | G | R |
| (B) | (G) | B   | G   | (B) | (G) | B | G | B | G |
| G   | R   | (G) | (R) | (G) | (R) | G | R | G | R |
| (B) | (G) | (B) | G   | B   | (G) | B | G | B | G |
| G   | R   | G   | R   | G   | R   | G | R | G | R |
| B   | G   | B   | G   | B   | G   | B | G | B | G |
| G   | R   | G   | R   | G   | R   | G | R | G | R |
| B   | G   | B   | G   | B   | G   | B | G | B | G |



*FIG. 19*





*FIG. 20*

